

ABSTRACT

A bus (1) through which data is transmitted and a plurality of network devices (2a, 2b, ...) connected to the bus (1) form a network. In the network, at least one (2a) of the network devices performs measurement at timings in a predetermined cycle T and outputs data concerning the measurement result on the bus (1). Another network device (2b) detects the cycle T in which the data concerning the measurement result is output, performs measurement ("B measurement 1") at the timings in the predetermined cycle T, and outputs the measurement result on the bus (1) as a "B output".